PATENT COOPERATION TREATY

2.4.4.	INARY EXAMINING AUTH	PCT
To: MON		
MALLALIEU, CAMAR		'
MALLALIEU, (AMA) D. Young & Co.	rine, Louise 17.0	1-05 WRITTEN OPINION
21 New Fettiescular	10 uu oo	
London EC44(LONDON) GRANDE BRETAGNE	1 9 JUN 2003	SOUTHAMPTON
ANSO		1 9 JUN 2003
ENTRY		2003
FOR	I can ros	Date of mailing day/month/year) 17/06/22023
Applicant's or agent's file refere	ence	17/00/2003
P011069WO CIM		REPLY DUE within 1 / 00 months/days
International application No.	International filing	from the above date of mailing g date (day/month/year) Priority date (day/month/year)
PCT/GB 02/03381		(my internative ar)
International Patent Classification		
	C12N15/62	•
Applicant		
LORANTIS LIMITE	D, et al.	
1. This written opinion is the fi	rst drawn up by this Internation	nal Preliminary Examíning Authority.
2. This opinion contains indicat	ions relating to the following it	and Fremmary Examining Authority.
I X Basis of the opi		ens.
II Priority		
	ent of opinion with accord	
	ent of opinion with regard to no	ovelty, inventive step and industrial applicability
III X Non-establishme		
III X Non-establishme	invention	ا
III X Non-establishme IV X Lack of unity of V X Reasoned statem	invention	
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp	invention ent under Rule 66.2(a)(ii) with I lanations supporting such states	
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp	invention ent under Rule 66.2(a)(ii) with I lanations supporting such states ts cited	
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application	regard to novelty, inventive step or industrial applicability;
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states at scited the international application ons on the international applica	regard to novelty, inventive step or industrial applicability;
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application ons on the international application to reply to this opinion.	regard to novelty, inventive step or industrial applicability; ment
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited when? See the time limit in to grant an extensio By submitting a wri	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application ons on the international application to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d).	regard to novelty, inventive step or industrial applicability; tion ay, before the expiration of that time limit, request this Authority
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited when? See the time limit in to grant an extension How? By submitting a wri	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application ons on the international application to reply to this opinion.	regard to novelty, inventive step or industrial applicability; tion ay, before the expiration of that time limit, request this Authority
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio By submitting a wrife for the form and th Also For an additional on	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states at states at states at states at states at the international application one on the international application application at the reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). tten reply, accompanied, where a language of the amendments,	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3.
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio How? By submitting a wri For the form and th Also For an additional op For the examiner's of	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states at states at states at states at states at the international application one on the international application application at the reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). tten reply, accompanied, where a language of the amendments,	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rule 66.4.
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio How? By submitting a wri For the form and th Also For an additional op For the examiner's of For an informal com	ent under Rule 66.2(a)(ii) with a lanations supporting such states at scited the international application one on the international application to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). Item reply, accompanied, where a language of the amendments, portunity to submit amendments amunication with the examiner,	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rules 66.4. and 66.9. ts, see Rule 66.4. and/or arguments, see Rule 66.4bis. see Rule 66.6.
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio How? By submitting a wri For the form and th Also For an additional op For the examiner's of For an informal com If no reply is filed, the internal	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application ons on the international application ons on the international applicate to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). tten reply, accompanied, where a language of the amendments, portunity to submit amendment obligation to consider amendment amunication with the examiner, tional preliminary examination in the state of the supportunity of the supportunity to submit amendment of the supportunity to submit amendme	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rule 66.4.
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited when? See the time limit in to grant an extensio By submitting a wri For the form and th Also For an additional op For the examiner's conformal com If no reply is filed, the internation of the final date by which the internation of the single content of the single content of the cont	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states ts cited the international application ons on the international application ons on the international application ons on the international application. to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). Item reply, accompanied, where a language of the amendments, portunity to submit amendments amunication with the examiner, tional preliminary examination in the consider amendments.	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rules 66.4 and 66.9. ts, see Rule 66.4. ats and/or arguments, see Rule 66.4bis. see Rule 66.6. report will be established on the basis of this opinion.
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited when? See the time limit in to grant an extensio By submitting a wri For the form and th Also For an additional op For the examiner's of For an informal com If no reply is filed, the internation report must be est	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states at scited ts cited the international application ons on the international applical to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). tten reply, accompanied, where a language of the amendments, portunity to submit amendments amunication with the examiner, thought the preliminary examination in the consider amendments amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment and the consideration and the con	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rules 66.8 and 66.9. ts, see Rule 66.4. Its and/or arguments, see Rule 66.4bis. see Rule 66.6. report will be established on the basis of this opinion. is:
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio How? By submitting a wri For the form and th Also For an additional op For the examiner's of For an informal com If no reply is filed, the interna The final date by which the internation report must be est	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states at scited ts cited the international application ons on the international applical to reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). tten reply, accompanied, where a language of the amendments, portunity to submit amendments amunication with the examiner, thought the preliminary examination in the consider amendments amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment amunication with the examiner, attended to the consider amendment and the consideration and the con	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rules 66.8 and 66.9. ts, see Rule 66.4. ats and/or arguments, see Rule 66.4bis. see Rule 66.6. report will be established on the basis of this opinion. is: 25/11/2003
III X Non-establishme IV X Lack of unity of V X Reasoned statem citations and exp VI Certain documen VII Certain defects in VIII Certain observati The applicant is hereby invited When? See the time limit in to grant an extensio How? By submitting a wri For the form and th Also For an additional op For the examiner's of For an informal com	invention ent under Rule 66.2(a)(ii) with a lanations supporting such states to cited the international application ons on the international application ons on the international application. It o reply to this opinion. dicated above. The applicant man, see Rule 66.2(d). Itten reply, accompanied, where the language of the amendments, portunity to submit amendment amunication with the examiner, the examinary examination applicational preliminary examination applicational preliminary ablished according to Rule 69.2 EA/	tion ay, before the expiration of that time limit, request this Authority appropriate, by amendments, according to Rule 66.3. see Rules 66.8 and 66.9. ts, see Rule 66.4. Its and/or arguments, see Rule 66.4bis. see Rule 66.6. report will be established on the basis of this opinion. is:

I. Basis of the opinion

The basis of this written opinion is the application as originally filed.

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The question of whether the claimed invention appears to be novel, to involve an inventive step, or to be industrially applicable has not been and will not be the subject of the international preliminary examination in respect of the claims which have not been searched (Article 17(2)(a) or (3) and Rule 66.1(e) PCT; see also international search report).

IV. Lack of unity of invention

The objection as to lack of unity raised in the international search report is maintained. The reasons for the objection are the same as those indicated in the international search report.

- V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability
- 1. To the extent that the international preliminary examination has been carried out (see item III above), the following is pointed out:
- In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims, which have been the subject of an international search report, does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claim references).
- 3. If amendments are filed, the applicant should comply with the requirements of Rule 66.8 PCT and indicate the basis of the amendments in the documents of the application as originally filed (Article 34 (2) (b) PCT) otherwise these amendments may not be taken into consideration for the establishment of the international preliminary examination report. The attention of the applicant is drawn to the fact that if the application contains an unnecessary plurality of independent claims, no examination of any of the claims will be carried out.
- NB: Should the applicant decide to request detailed substantive examination, then an international preliminary examination report will normally be established directly. Exceptionally the examiner may draw up a second written opinion, should this be explicitly requested.